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09709045 - GAU: 1647

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.*	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code * (If known)			
		4,439,332		Frank	03-27-1984	
		4,708,713		Lentz	11-24-1987	
		4,863,611		Bernstein	09-05-1989	
		5,135,919		Folkman et al.	08-04-1992	
		5,147,638		Esmon, et al.	09-15-1992	
		5,290,807		Folkman, et al.	03-01-1994	
		5,610,279		Brockhaus	03-11-1997	
		5,629,327		D'Amato	05-13-1997	
		5,639,725		O'Reilly, et al.	06-17-1997	
		5,698,586		Kishimoto, et al.	12-16-1997	
		5,712,291		D'Amato	01-27-1998	
		5,713,491		Hughes, et al.	02-03-1998	
		5,716,981		Hunter, et al.	02-10-1998	
		5,733,876		O'Reilly et al.	03-31-1998	

FOREIGN PATENT DOCUMENTS

Examiner's Signature _____ Date Considered _____

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 8 Attorney Docket Number LEN 102

U.S. PATENT DOCUMENTS

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	5,712,291		D'Amato	06-27-1998	
	5,808,029		Brockhaus	09-15-1998	
	5,817,522		Goodman, et al.	10-06-1998	
	6,133,431		Yusada	10-17-2000	
	6,379,708		Howell, et al.	04-30-2002	
	2005-0244371		Lentz	06-14-2005	
	2005-0265996		Lentz	10-26-2000	
	09/709,045		Lentz	11-10-2000	
	09/699,003		Lentz	10-26-2000	

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Sheet	3	of	8	Attorney Docket Number	LEN 102
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OTHER ART – NON PATENT LITERATURE DOCUMENTS

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		AGISHI, Anion-blood contact (ABC reaction) in patients treated by LDL apheresis with dextran sulfate-cellulose column while receiving ACE inhibitors (letter). JAMA; 271:195-6 (1994).	
		ANDREWS, et al., "Characterization of the receptor for tumor necrosis factor (TNF) and lymphotoxin LT) on human T lymphocytes: TNF and LT differ in their receptor binding properties and the induction of MHC class I proteins on a human CD4+ T cell hybridoma," J Immunol 144:2582-2591 (1990).	
		BANYAI et al., "Therapeutic efficiency of lipoprotein(a) reduction by low-density lipoprotein immunoapheresis," Metabolism 47(9):1058-1064 (1998).	
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		CHEN, et al., "Soluble TNF- α Receptors are constitutively shed and downregulate adhesion molecule expression in malignant gliomas," J. Neuropathol. Exp. Neurol. 56(5):541-550 (1997).	
		CLACKSON, et al., "Making of antibody fragments using phage display libraries," Nature 352: 624-688 (1991).	
		COLMAN, et al., Hemostasis and Thrombosis: Basic Principles and Clinical Practice 2nd. Edition (Colman, et al., eds.) pp. 242-267 J.B. Lippincott: Philadelphia, PA, 1987.	
		CYTOLIC, "Unleash Immunotherapy," CytoLogic non CDA info.doc , pp.1-10 (April 27, 2006).	
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		FEINMAN, et al., "Tumor necrosis factor is an important mediator of tumor cell killing by human monocytes," J Immunol 138:635 (1987).	

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Application Number	09/709,045
Filing Date	November 10, 2006
First Named Inventor	M. Ridgon Lentz
Group Art Unit	1647
Examiner Name	Lorraine Spector
Attorney Docket Number	LEN 102

Sheet

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OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		GATANAGA, et al., "Purification and characterization of an inhibitor (soluble tumor necrosis factor receptor) for tumor necrosis factor and lymphotxin obtained from the serum ultrafiltrates of human cancer patients," <i>Proceedings of the National Academy of the USA</i> 87(22):8781-8784 (1990).	
		GATANAGA, et al., "Identification of TNF-LT blocking factor(s) in the serum and ultrafiltrates of human cancer patients," <i>Lymphokine Res</i> 9:225-9 (1990).	
		GUYTON and HALL, <i>Textbook of Medical Physiology</i> , 9 th ed. Pp. 299	
		HARANAKA, et al, "Cytotoxic activity of tumor necrosis factor (TNF) on human cancer cells in vitro," <i>Jpn J Exp Med</i> 51:191 (1981).	
		HARLOW et al., <i>Antibodies, A Laboratory Manual</i> , Chapter 13, "Immunoaffinity Purification," pp. 511-552, 1988	
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		HONG et al., "Intercellular adhesion molecule-1 expression induced by interleukin (IL)-1 beta or an IL-1 beta fragment is blocked by an IL-1 receptor antagonist and a soluble IL-1 receptor," <i>Journal of Neuroimmunology</i> , 44(2):163-170 (1993).	
		HOWARD, et al., Vaccinia virus homologues of the Shope fibroma virus inverted terminal repeat proteins and a discontinuous ORF related to the tumor necrosis factor receptor family," <i>Virology</i> 180(2):633-47 (1991).	
		IBM Technical Disclosure Bulletin, Vol 19, No 3. August 1976 pp. 765-768	
		JABLONSKA & PEITRUSKA, "Release of soluble tumor necrosis factor receptors from polymorphonuclear cells of breast cancer patients," <i>Arch Immunol Ther Exp (Warsz)</i> , 45(5-6):449-53 (1997).	
		JANEWAY, et al. <i>Immunobiology. The Immune System in Health and Disease</i> , 4 th Ed. Pp. 102	

Examiner's Signature

Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 8

Application Number	09/709,045
Filing Date	November 10, 2006
First Named Inventor	M. Ridgon Lentz
Group Art Unit	1647
Examiner Name	Lorraine Spector
Attorney Docket Number	LEN 102

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner's initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁺
		KABAT, et al., <u>Sequences of Proteins of Immunological Interest</u> 4 th Ed. (U.S. Dept. Health and Human Services, Bethesda, MD, 1987).	
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		MITTEREGGER, et al., "In vitro cell culture systems as the basis for an extracorporeal blood purification strategy in multorgan failure treatment", <i>Ther Apher.</i> , 3(3):257-63 (1999).	

Examiner's Signature

Date Considered

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Sheet 6 of 8

Application Number	09/709,045
Filing Date	November 10, 2006
First Named Inventor	M. Rigdon Lenz
Group Art Unit	1647
Examiner Name	Lorraine Spector
Attorney Docket Number	LEN 102

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁺
		NATIONAL CANCER INSTITUTE, "Biological Therapies for Cancer: Questions and Answers," National Cancer Institute FactSheet (08-16-2004).	
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		Product description: catalog numbers MAB225 catalog of R&D Systems (1998).,	
		Product description: catalog numbers AF-425-PB catalog of R&D Systems (1998).	

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Sheet 7 of 8

Application Number	09/709,045
Filing Date	November 10, 2006
First Named Inventor	M. Rigdon Lentz
Group Art Unit	1647
Examiner Name	Lorraine Spector
Attorney Docket Number	LEN 102

OTHER ART – NON PATENT LITERATURE DOCUMENTS

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		Product description: of antibody AHR30012. Biosource catalog	
		SELINSKY, et al., "Multifaceted inhibition of anti-tumor immune mechanisms by soluble tumour necrosis factor receptor type-1," <i>Immunology</i> 94(1):88-93 (1998).	
		SHIBATA, et al., "Changes of cell-mediated immunity with an advance of cancer-relation to the th1/th2 balance and inhibitors of th1 cytokines," <i>Biotherapy</i> , 12(5):715-17 (1998).	
		SIDHU AND BOLLON, "Tumor necrosis factor activities and cancer therapy – A perspective" <i>Pharmacol. Ther.</i> 57:79-128 (1993).	
		TETTA, et al., "Continuous plasma filtration coupled with sorbents," <i>Kidney International</i> 53(66):S186-S189 (1998).	
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		YAMAZAKI et al. Biocompatibility of plasma separator of an improved cellulose acetate hollow fiber. In: Sieberth HG (ed). <i>Plasma Exchange</i> . New York: I{k Schattauer, 45-51(1980).	

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<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>	<p>Complete if Known</p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>09/709,045</td> </tr> <tr> <td>Filing Date</td> <td>November 10, 2006</td> </tr> <tr> <td>First Named Inventor</td> <td>M. Rigdon Lentz</td> </tr> <tr> <td>Group Art Unit</td> <td>1647</td> </tr> <tr> <td>Examiner Name</td> <td>Lorraine Spector</td> </tr> <tr> <td>Attorney Docket Number</td> <td>LEN 102</td> </tr> </table>		Application Number	09/709,045	Filing Date	November 10, 2006	First Named Inventor	M. Rigdon Lentz	Group Art Unit	1647	Examiner Name	Lorraine Spector	Attorney Docket Number	LEN 102
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First Named Inventor	M. Rigdon Lentz												
Group Art Unit	1647												
Examiner Name	Lorraine Spector												
Attorney Docket Number	LEN 102												
Sheet	8	of	8										

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Signature	/Cherie M. Woodward/	Date Considered	11/08/2011
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